

June 30, 2011

ERRATA SHEET

CHANGES TO THE REVISED PHASE 1 WATERSHED ACTION PLAN

**Waste Discharge Requirements for Areawide Urban Storm Water Runoff
For
The San Bernardino County Flood Control District, County of San Bernardino and
the Incorporated Cities of San Bernardino County within the Santa Ana Region
Order No. R8-2010-0036**

(Language deleted is ~~struck through~~)

(Language added is **bold and shaded**)

1. Revised Phase 1 Watershed Action Plan Section 1 (WAP Purpose) 4th Sentence (page 1-1) modify as follows:

...The WAP is a critical piece in addressing water quality issues as early in the ~~planning~~ **land** development process as possible and to ensure that city planners have an understanding of water quality issues...

2. Revised Phase 1 Watershed Action Plan Section 1.1 (Integrated Watershed Management Approach) 4th Sentence (page 1-1) modify as follows:

...This approach is integrated to ~~into~~ the WAP in order to ~~receive~~ **incorporate** input from various stakeholders and points of view...

3. Revised Phase 1 Watershed Action Plan Section 1.2 (Watershed Protection Principles) Paragraph 4 Titled "Other Watershed Protection Principles Identified", 3rd Bullet (page 1-3) modify as follows:

Use of the California Environmental Quality Act (CEQA) as an opportunity ~~for~~ **to incorporate** Low Impact Development (LID) concepts **into project design**.

4. Revised Phase 1 Watershed Action Plan Section 1.3 (Planning Development Process Overview), Paragraph 6, 4th Bullet (page 1-6) modify as follows:

Preliminary WQMP: A preliminary WQMP (if applicable) ~~should~~ **must** be submitted along with the initial checklist items. Preliminary WQMPs...

5. Revised Phase 1 Watershed Action Plan Section 1.3 (Planning Development Process Overview), Paragraph 7 (page 1-6) modify as follows:

As part of the submittal process, agency planners shall require the project proponent to review the city planning WAP analysis and recommendations and

- 1) develop a planning level analysis of how to incorporate the integrated watershed management (IWM) recommendations into the project, and 2) develop a preliminary WQMP. The project proponent should utilize and rely on the WAP to provide **them with** guidance in development of project features which demonstrate consistency with an IWM approach that promote the coordinated development and management of water and land in order to protect vital ecosystems while maximizing economic and social welfare. The project proponent will be given access to the WAP document and the WAP Geodatabase to perform this analysis. **The City will amend their lists of contents of a complete filing to include a preliminary WQMP.** The IWM planning level analysis and the preliminary WQMP shall be submitted to the city as part of the project entitlement submittal.
6. Revised Phase 1 Watershed Action Plan Section 1.3 (Planning Development Process Overview), Paragraph 10 (page 1-7) modify as follows:
- The preliminary WQMP should be considered during the CEQA analysis to assist in assessing the level of project impact and the formulation of effective mitigation measures. Evaluation guidelines pertaining to water quality impacts should be prepared by the local agencies to standardize the analysis of this part of IS or EIR. **The Principal Permittee will coordinate the guidelines to ensure consistency.**
7. Revised Phase 1 Watershed Action Plan Section 1.3 (Planning Development Process Overview), Paragraph 13 (page 1-7) modify as follows:
- The Final WQMP should ~~consider~~ **reflect** any changes in project design from the time of the preliminary WQMP and also address any new impacts that were identified in the CEQA and project review process...
8. Model Water Quality Management Plan Section 1.3 (Planning Development Process Overview), Paragraph 14 (page 1-8) modify as follows:
- The Grading Plan must receive review and approval from appropriate agency staff prior to the construction phase of the project. **The Grading Plan must be consistent with the WQMP. Particular attention will be given to preserving the infiltration rates of soils where LID BMPs will be located.**
9. Revised Phase 1 Watershed Action Plan Section 2.2 (Phase 1 of WAP Development) (page 2-1) modify as follows:
- [Insert before first paragraph]* **In accordance with Provision XI.B.3.a of Order No. R8-2010-0036, NPDES No. CAS618036, the Principal Permittee, in coordination with the Co-Permittees, must submit the Phase 1 WAP W**within 12 months of adoption of **the** Order. ~~R8-2010-0036, the Principal Permittee, in coordination with the Co-Permittees~~ **The Phase 1 WAP** shall:

10. Revised Phase 1 Watershed Action Plan Section 2.3 (Phase 2 of WAP Development) (page 2-3) modify as follows:

[Insert before first paragraph] **In accordance with Provision XI.B.3.b of Order No. R8-2010-0036, NPDES No. CAS618036, the Principal Permittee, in coordination with the Co-Permittees, must submit the Phase 2 WAP** within 12 months of the approval by the Executive Officer of the Report from Phase 1, above. ~~, the Principal Permittee, in coordination with the Co-permittees, The Phase 2 WAP~~ shall:

11. Revised Phase 1 Watershed Action Plan Section 3.2 (Physiography), Paragraph 3 (page 3-3) modify as follows:

[Insert subheading "Socio-economics" before paragraph] Urban and commercial development has sprawled throughout the valley at the base of the foothills. Although a significant number of the cities and towns are residential communities in which residents commute to nearby Los Angeles or Orange County for work. The San Bernardino Valley is still an important transportation center to the state and country. The Ports of Los Angeles and Long Beach are located approximately 70 miles to the east where a high percentage of goods destined for national and international transport pass through the valley, most of it on trains or trucks. In addition, BNSF has an intermodal transfer facility in San Bernardino. The valley is also crossed by two major interstates and their auxiliaries. Mass transit trains and buses both serve the valley along with an international airport in Ontario. The southwest area of the county consists of residential, commercial, and industrial use, as well as agriculture preserves and farmland.

12. Revised Phase 1 Watershed Action Plan Section 4.2.2 (One Water One Watershed) 2nd Sentence (page 4-7) modify as follows:

...Knowing where water originates and where it is going will resolve the water supply issue by increasing **the public's** awareness and **sense of** responsibility. ~~with the public...~~

13. Revised Phase 1 Watershed Action Plan Section 4.2.4 (Water Quality Management Plan), Paragraph 2 (page 4-8) modify as follows:

~~The relationship between the WAP and t~~**The WQMP is that a detailed document for mitigating water quality impacts of affected projects. The WAP provides watershed-specific information and requirements for developing WQMPs.** ~~a~~**All of the watershed aspects required to be protected will be addressed in the WAP and integrated in the WQMP by using the online Geodatabase. This interactive tool will help enhance the design as well as assist in making beneficial decisions on projects.**

14. Revised Phase 1 Watershed Action Plan Section 4.2.7 (Chino Basin Master Plan) (page 4-9) modify as follows:

...The Chino Basin Master Plan is an integral component of the WAP and needs to be incorporated into the watershed improvement efforts. **This Plan informs the WAP. The WAP must be consistent with this Plan. The WAP will produce objectives that support this Plan.** Updates and planned activities will be included...

15. Revised Phase 1 Watershed Action Plan Section 4.3 (WAP Program Specific Objectives), Item No. 4 modify as follows:

Educate and train agency planning staff regarding use of the WAP document and WAP Geodatabase as a planning tool and how to perform analysis of project specific and cumulative project water quality impacts and an integrated watershed management analysis and recommendations for a project ~~by 6 months prior to the end of the permit term~~ **within 90 days of approval of implementing document(s) identified in Order No. R8-2010-0036, NPDES No. CAS618036.**

16. Revised Phase 1 Watershed Action Plan Section 4.3 (WAP Program Specific Objectives), Item No. 5 modify as follows:

Require agency planning staff for all jurisdictions to use the WAP as a planning tool to understand the physical aspects, potential project specific and cumulative water quality impacts of a project, and to perform an integrated watershed management analysis and provide recommendations after an initial project meeting as part of the entitlement phase of a project ~~by the end of the permit term or~~ **within 90 days of approval of implementing document(s) identified in Order No. R8-2010-0036, NPDES No. CAS618036.**

17. Revised Phase 1 Watershed Action Plan Section 4.3 (WAP Program Specific Objectives), Paragraph 1, Item No. 8 modify as follows:

~~Require project proponents to develop an analysis of options for minimization of changes in the hydrology and pollutant loading of the project site and submit the analysis with the entitlement process submittal.~~

18. Revised Phase 1 Watershed Action Plan Section 4.3 (WAP Program Specific Objectives), Paragraph 1, Item No. 9 modify as follows:

Require project proponents to submit a preliminary WQMP as part of the project submittal (pre-approval) for all projects that trigger the development of a WQMP for all jurisdictions ~~by the end of the permit term~~ **as specified in Section XI.D.3 of Order No. R8-2010-0036, NPDES No. CAS618036.**

19. Revised Phase 1 Watershed Action Plan Section 4.5 (Hydromodification Assessment) 4th Sentence (page 4-19) modify as follows:

...The following three criteria **will be evaluated to determine if** would exclude portions of the watershed **could be excluded** from potential hydromodification impacts: areas downstream of controlled release points (CRPs), tributary areas downstream of large rivers with a flowrate of more than 25,000 cfs, and areas **drainage reaches** downstream of elevation 514 in Prado Basin. The **proposed** excluded portions are mostly concentrated at the downstream ends of sub-regional channels and areas draining directly to the Santa Ana River. **Detailed evaluation and development of these proposed exclusions** Validation of this ~~large river exemption~~ will take place in Phase 2 of the WAP and a work plan for this justification is provided in Appendix B-1 of the Hydromodification Assessment Technical Memorandum **will be submitted**.

20. Revised Phase 1 Watershed Action Plan Section 4.10 (WAP Phase 1 Tasks Relationships), Paragraph 3 (page 4-5) modify as follows:

The causes of stream degradation will help to identify where there are issues in the watershed and what efforts can be put in place to reduce these causes. The technical memorandum for causes of stream degradation investigates three major watersheds within the County of San Bernardino: San Antonio Watershed, Cucamonga Watershed and Live Oak Watershed and determines how degradation has occurred as the watersheds have matured. This information can **be used** to understand the processes of degradation throughout the watershed so that approaches can be developed to reduce the causes through proper development planning. If city planners and project proponents understand there is an issue, the causes of the issue, and how development can help or exacerbate the issue, then effective measures can be incorporated into the development in the early planning stages of the development. **Cities may also use the WAP to develop development standards to redress issues that cannot be solved via CEQA.**

21. Revised Phase 1 Watershed Action Plan Figure 4 to Section 4.10 modify as follows:

[Correct typographical issue with page numbering.]